

White paper
September 2010

Sony Ericsson Spiro™

W100i, W100a



Sony Ericsson
make.believe

Purpose of this document

Sony Ericsson product White papers are intended to give an overview of a product and provide details in relevant areas of technology.

Document history

Version		
April 2010	First released version	Version 1
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Product overview

Sony Ericsson Spiro™ – Spread good vibes

Crank it up. Bounce around. Spread good vibes

Go wild. Bounce around. Or just chill. With the Walkman™ player on Sony Ericsson Spiro™ phone. Plug in the earbuds, load up the tracklist and dance away the day – and the night if you want to. How do you like to listen? Wirefree and wearable? Or headphones with sound as sweet as honey? Your choice with the 3.5 mm headphone jack.

Chart your tunes

Music's the food of love, right? Get all you can eat. From the PlayNow™ service*. Your window to the music world in the store that's open 24/7. Or from the radio. Great tune. But what's it called? Press the TrackID™ application and find out. Artist, title, album. Want it? Get it from the PlayNow™ service*.

Get the gossip

What's what? Who's hot? And who's not? Find out on Facebook™ and Twitter™. All up top on Sony Ericsson Spiro™ phone. Get news about the latest underground hip hop. Spread the word on Friday's party. Flirt with the new kid on the block. Chat to anyone in style with conversational texts. From a keyboard that's just made to message. Connecting just got really convenient.












* The PlayNow™ service may not be available in all markets.

Facts – dimensions, weight, performance and networks

Size	92 x 48 x 16.75 mm
Weight	90 grams
Available colours	Contrast Black Sunset Pink Spring Green Stealth Black
Main screen	
Colours	262,144 colour TFT
Resolution	240x320 pixels
Size (diagonal)	2.2 inches
Scratch-resistant	No
Memory	
Phone memory	Up to 5 MB
Memory card support	microSD™, up to 16 GB
Networks	
W100i	GSM GPRS/EDGE 900, 1800
W100a	GSM GPRS/EDGE 850, 1900
Data transfer speeds	
GSM GPRS	Up to 80 kbps
GSM EDGE	Up to 236 kbps
Talk time (GSM)	4 hours 30 mins *
Standby time (GSM)	476 hours *
Music listening time	20 hours *

* According to GSM Association Battery Life Measurement Technique.

Full feature list – categorised list of features

 <p>Camera 2 megapixel camera 2x digital zoom Video recording</p>	 <p>Music Bluetooth™ stereo (A2DP,AVRCP) Music tones (MP3/AAC) PlayNow™ service* TrackID™ application Walkman™ player</p>	 <p>Internet Bookmarks HTML 4.01 XHTML 1.1 Obigo™ Q7 Web browser</p>
 <p>Communication Call list Conference calls Facebook™ application Polyphonic ringtones Speaker phone Twitter™ application Vibrating alert</p>	 <p>Messaging Conversations Picture messaging (MMS) Predictive text input Sound recorder Text messaging (SMS)</p>	 <p>Design Navigation key Picture wallpaper Wallpaper animation</p>
 <p>Entertainment FM radio with RDS Java Media browser</p>	 <p>Organiser Alarm clock Calculator Calendar Flight mode Notes Phone book Stopwatch Tasks Timer</p>	 <p>Connectivity 3.5 mm audio jack Bluetooth™ technology Micro USB connector USB mass storage USB High speed 2.0 support</p>

* This service is not available in all markets.

Technologies in detail

***NOTE:** The information outlined below is general and levels of compliance to standards and specifications may vary between products and markets. For more information, contact Sony Ericsson Developer World or your Sony Ericsson contact person where applicable.

Device-to-device communications (local)

Bluetooth™ wireless technology

Bluetooth™ profiles supported	Generic Access Profile Generic Object Exchange Profile Handsfree Profile Headset Profile Object Push Profile
Core version and supported features	2.0
Connectable devices	All products supporting Bluetooth spec. 2.0, or higher, and at least one of the profiles above

More information:

www.sonyericsson.com/developer

www.bluetooth.com

Java™

Java™ Platform, Micro Edition	JSR-75 PDA Optional Packages for J2ME™ JSR-118 MIDP 2.0 JSR-120 Wireless Messaging API JSR-135 Mobile Media API 1.1 JSR-139 CLDC 1.1 JSR-172 J2ME Web Services Specification JSR-185 Java™ Technology for the Wireless Industry Nokia UI Extension API
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Messaging

(MMS) Multimedia Messaging Service

According to OMA Multimedia Messaging Service v1.2 + SMIL

Multimedia (audio and video)

Audio Playback	Decoder format Audio decoding MPEG-1/2/2.5, audio layer 3 AAC, AAC+, eAAC+ AMR-NB General MIDI (GM) GML	Supported in file format MP3 (.mp3) 3GP (.3gp); AAC (.aac); MP4 (.mp4, .m4a) 3GP (.3gp); AMR (.amr) SMF (.mid) SMF (.mid)
Audio Recording	Encoder format AMR-NB AAC-LC	Supported in file format AMR (.amr) MP4 (.m4a)
Video Playback	Decoder format MPEG-4 Visual Simple Profile H.263 Profile 0	Supported in file format 3GP (.3gp); MP4 (.mp4) 3GP (.3gp); MP4 (.mp4)
Video Recording	Encoder format - Video: H.263 Profile 0 - Audio: AMR-NB - Video: MPEG-4 Visual Simple Profile - Audio: AAC-LC	Supported in file format 3GP (.3gp) MP4 (.mp4)

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